

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	(drill and housing and (pneumatic or air) and motor and feed and piston and fluid).clm.	US-PGPUB; USPAT	OR	ON	2007/07/18 16:36
S1	915	408/130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 17:57
S2	2559	drill\$3 and (pneumatic adj cylinder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/17 11:49
S3	29	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:33
S4	20	S3 and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:03
S5	5	S3 and fluid and (bypass or by-pass or (by adj pass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:34
S9	2366	408/5,6,8,10,11,17,130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:32
S10	915	408/130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:33
S11	2559	drill\$3 and (pneumatic adj cylinder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:33
S17	42	S9 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:34

## EAST Search History

S18	27	S17 and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:34
S19	7	S17 and fluid and (bypass or by-pass or (by adj pass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:34
S20	3	S19 and (signal or sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:24
S21	17420	(signal or sensor) near advantage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:25
S22	121	S21 and drill	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:29
S23	2205	(dome same electric\$3) and resilient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:30
S24	221916	S23 ans S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:30
S26	1	S23 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:30
S27	177	(dome same electric\$3) with resilient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 13:47
S28	1	S9 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:30

## EAST Search History

S29	1	"408"/\$.ccls. and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:31
S30	0	(stroke near (sense or sensor)) same dome	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:34
S31	3135	stroke near (sense or sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:36
S32	17	S31 and dome	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:34
S33	15	stroke and electric\$3 and (dome near (sense or sensor or sens\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:36
S34	2	("1999248").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:47
S35	5	("2406482").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:48
S36	5	("2657595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:48
S37	2	("2882762").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:48
S38	3	("4025218").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:48

## EAST Search History

S39	2	("5295770").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:48
S40	2	("6099213").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:49
S41	2	("6761513").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:50
S42	5	("2860531").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:50
S43	2	("4557338").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/03 13:51
S44	2	("4594030").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/02 11:08
S45	5	("2860531").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/02 13:13
S46	2	("4557338").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/02 13:18
S47	2	("2887920").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/02 13:19
S48	2380	408/5,6,8,10,11,17,130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/17 14:55

## EAST Search History

S49	46	S48 and pneumatic near drill	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:44
S50	20	S49 and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:47
S51	33	("2065486"   "2360942"   "2657595"   "2674098"   "2722854"   "2896677"   "3152650"   "3248974"   "3266580"   "3409090"   "4545706"   "5094570"   "5148633"   "5205682"   "5281057"   "5445478"   "5584618").PN. OR ("6099213").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 13:51
S52	33	("2065486"   "2360942"   "2657595"   "2674098"   "2722854"   "2896677"   "3152650"   "3248974"   "3266580"   "3409090"   "4545706"   "5094570"   "5148633"   "5205682"   "5281057"   "5445478"   "5584618").PN. OR ("6099213").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 14:59
S53	50	("2209949"   "2390620"   "2466972"   "2632424"   "2736543"   "2813517"   "2857789"   "2883891"   "2884902"   "2911860"   "2925253"   "2935905"   "3024673"   "3141509"   "3477523"   "3695367"   "3719237"   "3726348"   "3865194"   "3930776"   "4134460"   "4453868").PN. OR ("4594030").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 15:06
S54	2	("6761513").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/16 16:24
S55	20	(US-20040101376-\$ or US-20050053435-\$).did. or (US-4594030-\$ or US-6099213-\$ or US-6761513-\$ or US-2882762-\$ or US-2657595-\$ or US-6788997-\$ or US-4025218-\$ or US-2860531-\$ or US-4557338-\$ or US-5927910-\$ or US-2406482-\$ or US-1999248-\$ or US-5295770-\$ or US-4111590-\$ or US-3719237-\$ or US-2887920-\$).did. or (US-2811877-\$ or US-2860531-\$). did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 17:57

## EAST Search History

S56	1	S55 and pneumatic\$4 near feed	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 17:57
S57	918	408/130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 17:57
S58	18	S57 and pneumatic\$4 near feed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 17:59
S59	9	S58 and restrict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 17:58
S60	1	S58 and restrict\$3 adj chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 17:58
S62	0	S57 and (pneumatic\$4 near feed) near restrict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 18:00
S63	2	S57 and (pneumatic\$4 near feed) SAME restrict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 18:09
S64	7	("2881589").URPN.	USPAT	OR	ON	2007/07/16 18:01
S65	2386	408/5,6,8,10,11,17,130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 18:09
S66	2	S65 and (pneumatic\$4 near feed) SAME restrict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 18:09
S67	10	drill and (pneumatic\$4 near feed) SAME restrict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 18:09

## EAST Search History

S68	3	drill\$3 and (feed adj dome)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/17 11:50
S69	39	feed adj dome	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/17 11:50
S70	2	("6761513").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/17 12:44
S71	12	("1999248"   "2550148"   "2863339"   "2977826"   "3775021"   "4025218"   "6099213"   "6575673").PN. OR ("6761513").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/17 12:49
S72	2388	408/5,6,8,10,11,17,130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/17 14:56
S73	17	S72 and (pneumatic adj feed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/17 15:12
S74	18	S72 and (pneumatic near piston)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/17 15:24
S75	919	408/130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/17 15:24
S76	15	S75 and (pneumatic near piston)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/17 15:24